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PIXMA MX850

Embargo Date: 24 January 2008 (04:00 GMT)
Sales Start Date: Mid March 2008
Target Market: Home

Giving more power to small businesses

Give your business a boost with this high performance, versatile Office All-In-One. With professional print quality, high speed output and Ethernet network connectivity, it's the ideal solution for home office and small business users.

The PIXMA MX850 is part of the Canon inkjet Office All-in-One Printer range.

The Office All-in-One Printer range consists of: PIXMA MX7600, **PIXMA MX850**, PIXMA MX700, PIXMA MX310, PIXMA MX300.

Key Features

- Faxing – Super G3, 33.6kbps; 8 one-touch/100 coded speed dials; 250-page* fax memory
- Office efficiency – 35-page Duplex Automatic Document Feeder; Duplex print/copy; CD/DVD printing; 2 paper trays; Quick Start
- Document printing – Mono/colour; up to 31/24ppm
- Copying – Mono/colour; up to 31/24cpm
- Scanning – 4800dpi; straight to PDF, e-mail or PC
- Photo printing – min. 1pl ink droplets; up to 9600x2400dpi*; 10x15cm borderless photo in approx. 21 sec.*
- 6.2cm colour TFT screen
- Single Ink – Economical 5 ink tanks
- Ethernet network connectivity
- Optical Character Recognition software

** see specifications*

Product Name	Mercury Code	EAN Code	Recommended Retail Price
PIXMA MX850	2436B008AA	4960999533605	£249 / €379

What's in the box:
PIXMA MX850 Printer, Power Cord, Telephone Cable, Print Head, PGI-5 BK, CLI-8 BK, CLI-8 C, CLI-8M, CLI-8 Y, Operation Panel Cover, Multi languages Panel Sticker Sheet, CD-R tray, Mac Leopard Information Sheet, Multi language Easy Set-Up instruction, Multi language Quick Start Guide, Multi language Network Setup Guide, Setup software & User's manual CD, Maxell CD-R/RW Line UP Brochure, Media Sales Brochure, MP101 A4 (4 sheets) for Head Alignment check, Sample Media PP201 4x6 (3 sheets), Warranty (EWS) Booklet

Consumables	Mercury Code	EAN Code	Recommended retail price
PGI-5 BK	0628B001	4960999273020	£11.99 / €15.99
CLI-8 BK	0620B001	4960999273235	£9.99 / €13.99
CLI-8 C	0621B001	4960999272672	£9.99 / €13.99
CLI-8 M	0622B001	4960999272702	£9.99 / €13.99
CLI-8 Y	0623B001	4960999272825	£9.99 / €13.99

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Technical Specifications

TYPE	
Available Functions	Print, Scan, Copy, Fax & 35 page duplex ADF. Camera, Memory Card, and Mobile phone direct printing with 6.2cm Colour TFT screen
PRINTER FUNCTIONS	
Print Resolution	Up to 9600[1] x 2400 dpi
Print Engine	InkJet 5-ink with minimum 1 pl ink droplets, FINE print head and ContrastPLUS
Photo Lab Quality Speed	Borderless 10 x 15cm: Approx. 21 seconds (Standard)
Mono Print Speed	Up to 31ppm (Max.), 14.9ppm (Standard)[2]
Colour Print Speed	Text & Graphics: Up to 24ppm (Max.), 11.7ppm (Standard)[2]
Ink Cartridge Configuration	Single Ink technology - 5 separate ink tanks (PGI-5BK, CLI-8BK, CLI-8C, CLI-8M, CLI-8Y)
Black Ink Tank Life	Black: 505 pages (PGI-5BK), 5,025 pages* (CLI-8BK)[2] Black: 4,065 photos* (PGI-5BK), 1,345 photos (CLI-8BK)[3] * Estimated supplemental yield
Colour Ink Tank Life	Cyan: 890 pages (CLI-8C), Magenta: 665 pages (CLI-8M), Yellow: 710 pages (CLI-8Y)[2] Cyan: 437 photos (CLI-8C), Magenta: 301 photos (CLI-8M), Yellow: 329 photos (CLI-8Y)[3]
Media Type	Plain Paper, Envelopes, Photo Paper Pro (PR-101), Photo Paper Plus Glossy (PP-101/PP-201), Photo Paper Plus Double Sided (PP-101D), Photo Paper Plus Semi-gloss (SG-101/SG-201), Glossy Photo Paper (GP-401), Glossy Photo Paper "Everyday Use" (GP-501), Matte Photo Paper (MP-101), High Resolution Paper (HR-101N), T-shirt Transfer (TR-301), Photo Stickers (PS-101), Super White Paper (SW-201)
Media Input	Sheet Feeder: Max. 150 sheets Cassette: Max. 150 sheets DVD/CD Tray: 1 printable DVD or CD
Media Size	Sheet Feeder: A4, B5, A5, Letter, Legal, Envelopes (DL size or Commercial 10), 10 x 15cm, 13 x 18cm, 20 x 25cm, Credit Card (54 x 86mm)
	Cassette: A4, B5, A5, Letter, Envelopes (DL size or Commercial 10), 10 x 15cm, 13 x 18cm, 20 x 25cm
Media Weight	Rear Tray: Plain Paper 64 to 105 g/m² and supported Canon special media up to 273 g/m²
	Cassette: 64 to 105 g/m²
DVD/CD Printing	Available as standard
Two Sided Printing	Automatically selectable using Photo Paper Plus Double Sided, Super White Paper or plain paper in A4, B5, A5, Letter & 13 x 18cm sizes
Borderless Printing	Yes (A4, 20 x 25cm, 13 x 18cm, 10 x 15cm & Credit Card sizes)[3]
Camera Interface and Connectivity	Direct Print Port: Camera direct photo printing from PictBridge compliant digital cameras & camcorders
Card Direct Printing	CompactFlash ®, Microdrive, Memory Stick®, Memory Stick Pro™, SD Memory Card ®, MultiMedia Card™, MultiMedia Card Plus™ and SDHC Memory Card
	xD-PictureCard™ [4], Memory Stick Duo™ [4], Memory Stick PRO Duo™ [4], Memory Stick Micro™ [4], RS-MMC™ [4], miniSD Card™ [4], microSD Card™ [4], miniSDHC Card™ [4] and microSDHC Card™ [4]
Card Direct Printing Features	Multi-select print (select multiple images and number of prints for each image), Photo index print, Print all photos, DPOF print, Layout print, Sticker print, DVD/CD print, Print with EXIF shooting information, Photo index sheet, Slide show, File number & date print
Card Direct Printing Image Enhancements	Auto Image Fix, Vivid photo, Photo optimizer pro, Noise reduction, Face brightener, Brightness, Contrast, Colour hue, Sepia/Simulated illustration, Red Eye correction, Image optimizer, Trimming
Driver Features	Photo Optimizer PRO (Windows only), Image Optimizer (Windows only), Photo Noise Reduction, Vivid Photo

FAX FUNCTIONS	
Standalone fax	Yes
PC Fax	Win: Via Fax modem (in MFP), Mac: n/a
Colour Fax	Yes
Transmission Speed Mono	Approx. 3 sec./page (33.6kbps) (based on default setting using ITU-T No1 chart) [5]
Transmission Speed Colour	Approx. 1 min/page (33.6kbps) (based on default setting using Canon Color Fax Test Sheet) [5]
Modem Speed	33.6k/31.2k/28.8k/26.4k/24k/21.6k/19.2k/16.8k/ 14.4k/12k/9.6k/7.2k/4.8k/2.4kbps (Automatic fall back)
Compression Method Mono/colour	Mono: MH, MR, MMR, Colour: JPEG
Fax Resolution	Mono: 8line/mm x 3.85line/mm (standard), 8line/mm x 7.7line/mm (fine), Colour: 200 x 200 dpi
IMAGE PROCESSING SYSTEM	
Halftone / Gradation	Mono: 256 levels, Colour: 24 bit (full colour) (RGB each 8 bit)
Automatic Document Feeder	Up to 35 pages (single side)
Fax Memory	Approx. 250 pages (based on ITU-T No1 chart or Canon Fax Standard Chart No1)
Dual Access	YES
One Touch Dials	8 one touch dials
Coded Dials	100 coded locations
Group Dial	107 groups
Redial	Manual, Automatic re-dialling
FAX/TEL Auto Switch	Yes (manual)
Answering Machine Hook-up	Yes
Remote Reception	Yes
Memory transmission	Yes
Sequential broadcast	Yes
Error correction mode (ECM)	Yes, ITU-T T.30 compatible
Telephone handset	No
Polling	n/a
Reports	Activity report, Telephone number lists (One-touch dial, Coded speed dial, Group dial), User's data list, Memory list, TX (Transmission report), RX (Reception report)
SCANNER FUNCTIONS	
Scanner Type	Flatbed and ADF, CIS colour scanner
Automatic document feeder	Auto Duplex up to 35 pages
Film Scanning	n/a
Scanner Resolution Optical	Up to 4800 x 9600 dpi (Platen) Up to 600 x 600 dpi (ADF)
Scanner Resolution Digital	Up to 19200 x 19200dpi (Platen only)
Colour Scanning Depth	48 / 24 bit (RGB each 16 / 8 bit)
Halftone/Greyscale	16bit / 8bit
Compatibility	TWAIN / WIA (Windows XP / Windows Vista)
Effective Scanning Width	A4/LTR
OCR Bundle	Yes (ScanSoft OmniPage SE OCR)
Other Features	Push-scan, Multi-Scan, PDF file creation & editing*, Descreen, Unsharp mask, Photograph corrections (Fading correction, Grain correction, Reduce dust and scratches, Backlight correction, Auto Tone), Gutter Shadow Correction, Text (OCR)
	*Function with MP Navigator EX

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COPIER FUNCTIONS	
Colour Copy	Yes
Photo copy	Yes
Automatic document feeder	Auto Duplex up to 35 pages
Copy Speed Colour Document	Approx 24 sec [6]
Copy Speed 10x15cm Borderless Photo	Approx 37 sec [6]
Copy Speed Mono	Up to 31cpm
Copy Speed Colour	Up to 24cpm
Multiple Copy	1 to 99 copies
Zoom	25 – 400% in 1% increments and preset ratios
Other Features	Auto Intensity (AE copy), Manual Intensity Adjustment, Duplex copy (for plain paper only), DVD/CD to DVD/CD label copy, 4-on-1 copy, 2-on-1 copy, Sticker copy (x2, x4, x9, x16), Borderless copy, Image Repeat copy, Fade restored copy, Collated copy, Frame Erase copy
INTERFACE AND SOFTWARE	
Interface Type – PC	USB 2.0 Hi-Speed [7]
	Ethernet: IEEE802.3u (100BASE-TX), IEEE802.3(10BASE-T), 10/100Mbps (auto switchable)
	Bluetooth v2.0 Max speed 1.44 Mbps (HRCP for PC only) (with optional Bluetooth unit BU-30)
Interface Type - Mobile Phone / PDA	Bluetooth v2.0 Max speed 1.44 Mbps (SPP, BIP, OPP, BPP) (with optional Bluetooth unit BU-30) & Photo printing via PictBridge
Supported Operating System	Windows Vista / Windows XP SP2 / Windows 2000 Professional SP4
	Mac OS X v.10.3.9 - v.10.5
Operating System Requirements	Windows ® Vista™, XP, 2000 / Internet Explorer 6.0 / Pentium ® II 300 MHz including compatible processors / 128 MB RAM / 800 MB Hard disk space / CD-ROM drive / Display XGA 1024x768
	Mac OS X v.10.5 / Intel ® processor, PowerPC G4 (867 MHz or faster) / 512 MB RAM
	Mac OS X v.10.4 / Intel ® processor, PowerPC G3 / 256 MB RAM
	Mac OS X v.10.3.9 / PowerPC G3 / 128 MB RAM
	Safari / 650 MB Hard disk space / CD-ROM drive / Display XGA 1024x768
Software Included	MP Navigator EX, Easy-PhotoPrint EX, CD-LabelPrint, Solution Menu, Nuance Communication OmniPage SE (OCR software), NewSoft Presto! PageManager (Windows only)

GENERAL FEATURES	
Dimensions (W x D x H)	507.2 x 481.9 x 258mm
Number of language (LCD)	20 Languages selectable: Japanese, English, German, French, Italian, Spanish, Dutch, Portuguese, Norwegian, Swedish, Danish, Finnish, Russian, Czech, Hungarian, Polish, Slovenian, Turkish, Simplified Chinese, Greek
Temperature Range	Operating environment: 5° - 35° C
Humidity	Operating humidity: 10 - 90%RH (no condensation)
Acoustic Noise Levels	Print: Approx.33 dB(A) (when printing in the highest print quality mode on Photo Paper Pro)
	Copy: Approx. 37.5 dB(A) (when copying in the highest print quality mode on Photo Paper Pro)
Weight	Approx.13.9 kg
Power Source	AC 100-240V, 50/60Hz
Power Consumption	Standby: Approx. 5.5 W (when scanning lamp is off),
	Off: Approx. 1.4 W
	Copying: Approx 21 W [8]

1 Ink droplets can be placed with a minimum pitch of 1/9600 inch.
2 Declared yield value in accordance with ISO/IEC 24711:2006. Values obtained by continuous printing.
3 Printing Canon standard photos on 10x15cm (4x6in) on Photo Paper Plus Glossy II continuously with the default settings of Photo Paper Plus Glossy II using Windows Vista printer driver in borderless printing mode and Windows Vista Home Premium Photo Gallery. Declared yield value determined based on Canon standard method referring to ISO/IEC 24711.
4 Using recommended adapter - not supplied.
5 Actual transmission speed may vary depending on document complexity, fax settings at receiving end, and line conditions.
6 Colour document copy speed is based on default setting using "ISO/IEC 24712; Newsletter" (printed by off-set method) on plain paper. 10x15cm borderless photo copy speed is based on default setting using "ISO/JIS-SCID N2" (printed by silver-halide digital printing method) on 4x6" Photo Paper Plus Glossy II.
7 Operation can only be guaranteed on a PC with built-in USB or USB 2.0 Hi-Speed Port and pre-installed Windows Vista, Windows XP, Windows 2000.
8 When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.

All specifications subject to change without notice.

PPM print speed is based on the highest speed mode setting using Canon standard patterns on plain paper. Photo print speed is based on the default setting using "ISO/JIS-SCID N2" on 10x15cm Photo Paper Plus Glossy II. Print speed measured as soon as first page begins to feed into printer and will vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used and does not take into account data processing time on host computer.

CPM copy speed is based on fast mode setting using Canon standard pattern on plain paper. Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used and the number of copies selected, and does not take into account warming up time.

Ink yield may vary depending on texts/photos printed, applications software used, print mode and type of paper used. For yield information see www.canon-europe.com/ink/yield

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